

Thomas Dalmonte

Mail: thomas.dalmonte2@unibo.it

Web: <https://www.unibo.it/sitoweb/thomas.dalmonte2/en>

Italian

Male

18/11/1993



Work Experience

Job title: Research fellow in Italian project SustMilk4it (<https://site.unibo.it/stalla-modello-sustmilk4it/en>)

Employer: University of Bologna, DIMEVET, SPASA, Via Tolara di Sopra 50, Ozzano Emilia (Bo), Italy

Dates: 1st July 2024 – ongoing

Main activities: Biostatistics and biology research

Education and Training

Degree: Bachelor's Degree in Applied Pharmaceutical Sciences

Institution: University of Bologna

Dates: Sept 2014 – Jul 2017

Subjects: Biology, Pharmaceutical sciences, Biochemistry (107/110)

Degree: Master's Degree in Health Biology (Human Nutrition)

Period abroad in Granada at Granada University (Andalusia, Spain) to write degree's thesis (March-November 2019; Tutor abroad: Professor Vito Verardo).

Institution: University of Bologna

Dates: Oct 2017 – Mar 2020

Subjects: Biology, Nutritional sciences, Biochemistry, Nutritional Physiology (110L/110)

Degree: PhD in Basic Science

Periods abroad at IRTA (Institut de Recerca i Tecnologia Agroalimentàries) in Monells (Girona, Spain), working with the ProFuture project team (May–September 2022 and May–September 2023; Tutor abroad: Dr. Massimo Castellari).

Institution: University of Bologna, DIMEVET

Dates: Nov 2020 – Jun 2024

Subjects: Biology, Biochemistry, Electrophoresis SDS-Page, Chromatography techniques, Paper writing, Statistical analysis (Excellent with honors)

Degree: Master of 1st level in Biostatistics

Institution: University of Padua

Dates: Oct 2023 – Oct 2024

Subjects: Parametric and Non-Parametric Biostatistics, Survival Analysis, Meta-Analysis Applications, Regression Models, Logistic Regression Models, Power Analysis (Excellent)

Degree: Master of 2nd level in Omics Data Analysis

Institution: University of Padua

Dates: Oct 2024 – October 2025

Subjects: Genomic, Metabolomic (Metaboanalyst), Proteomic, Meta-genomic analysis (Excellent)

Personal Skills

Mother tongue: Italian

Other languages: English (B2), Spanish (A2)

Communication skills: Organization, Good knowledge of R language, Willingness to improve statistical knowledge

Organisational/managerial skills: Good in team working, Problem solving skills, Listening to team needs

Digital competence: Microsoft Office, R language, Jamovi, Past, G*Power

Publications

1. Influence of dietary supplementation with *Boswellia serrata* and *Salix alba* on performance and blood biochemistry in free-range leghorn laying hens; A. Guerrini, Thomas Dalmonte, C. Lupini, G. Andreani, R. Salaroli, G. Quaglia, A. Zannoni, M. Scozzoli, M. Forni and G. Isani; *Veterinary science* (2022) doi.org/10.3390/vetsci904018
2. Supplementation of *Boswellia serrata* and *Salix alba* extracts during the early laying phase: effects on serum and albumen proteins, trace elements and yolk cholesterol; G. Andreani, Thomas Dalmonte, A. Guerrini, C. Lupini, M. Fabbri, E. Ferlizza and G. Isani; *Animals* (2022) doi.org/10.3390/ani12162014
3. Iron content, iron speciation and phycoerythrin in commercial samples of *Arthrospira* spp; G. Isani, E. Ferlizza, M. Bertocchi, Thomas Dalmonte, S. Menotta, G. Fedrizzi and G. Andreani; *International Journal of Molecular Sciences* (2022) doi.org/10.3390/ijms232213949
4. Assessment of the effects of edible microalgae in a canine gut model; C. Delsante, C. Pinna, F. Sportelli, Thomas Dalmonte, C. Stefanelli, C.G. Vecchiato and G. Biagi; *Animals* (2022) doi.org/10.3390/ani12162100
5. Iron speciation and iron binding proteins in *Arthrospira platensis* grown in media containing different iron concentrations; G. Isani, A. Niccolai, G. Andreani, Thomas Dalmonte, E. Bellei, M. Bertocchi, M.R. Tredici and L. Rodolfi; *International Journal of Molecular Sciences* (2022) doi.org/10.3390/ijms23116283
6. Iron bioaccessibility and speciation in microalgae used as food nutrition supplement; Thomas Dalmonte, C.G. Vecchiato, G. Biagi, M. Fabbri, G. Andreani and G. Isani; *Veterinary science* (2023) doi.org/10.3390/vetsci10020138
7. Pyrrolizidine alkaloids from monofloral and multifloral Italian honey; P. Roncada, G. Isani, M. Peloso, Thomas Dalmonte, S. Bonan and E. Caprai; *International Journal of Environmental Research and Public Health* (2023) doi.org/10.3390/ijerph20075410
8. Field application of an innovative approach to assess honeybee health and nutritional status; C. Rudelli, R. Galuppi, R. Cabbri, Thomas Dalmonte, L. Fontanesi, G. Andreani and G. Isani; *Animals* (2024) 10.3390/ani14152183
9. Efficacy of extracts of oleogum resin of *Boswellia* in the treatment of knee osteoarthritis: a systematic review and meta-analysis; Thomas Dalmonte, G. Andreani, C. Rudelli, G. Isani; *Phytotherapy research* (2024) https://doi.org/10.1002/ptr.8336
10. Effects of exercise on urinary parameters and proteins in well-trained canicross dogs: a preliminary study; G. Spinella, S. Valentini, Thomas Dalmonte, G. Isani, G. Andreani; *Animals* (2024) https://doi.org/10.3390/ani14223216
11. Clinical study on the application of acupuncture in the postoperative rehabilitation of dogs affected by acute thoracolumbar disc herniation; M. Antonucci, E. Passarini, E. Bruno, Thomas Dalmonte, G. Spinella; *Animals* (2025) <https://doi.org/10.3390/ani15081154>
12. Physiotherapy treatment of Musculo-tendinous disorders of the canine shoulder: a clinical study; I. Arena, S. Valentini, L. Nundini, Thomas Dalmonte, G. Spinella; *The veterinary journal* (2025) <https://doi.org/10.1016/j.tvjl.2025.106379>

13. Characterization and valorization of the microalgal co-product Spirugrass®: protein profile, iron speciation, and potential use as a supplement for honeybees. Thomas Dalmonte, C. Rudelli, D. Alberoni, A. Lembo, I. Gifuni, G. Andreani, M. Castellari, G. Isani. *Marine drugs* (2025). <https://dx.doi.org/10.3390/md23110443>
14. Profilo di rischio di ceppi di *Staphylococcus aureus* in formaggi a latte crudo: risultati di un'indagine preliminare lungo la filiera. G. Guluzade, S. Giacomozzi, Thomas Dalmonte, Y.T. Mekonnen, B. Barzagli, A. Serraino, A. De Cesare. Poster presentation, atti di XXXIV CONVEGNO NAZIONALE A.I.V.I (2025)
15. Pilot study to predict the occurrence of foodborne pathogens in milk microbiome testing animal sewage microbiome in a dairy cattle farm. V. Indio, G. Guluzade, S. Giacomozzi, Thomas Dalmonte, A. Serraino, A. Palmonari, A. De Cesare. Contribute to conference proceeding, 13th ICPMF International Conference on Predictive Modelling in Food - Abstract Book (2025)
16. Assessment of the variability in microbiological quality of four raw milk cheese batches produced using milk provided by two different farms in Italy. Thomas Dalmonte, V. Indio, G. Guluzade, S. Giacomozzi, Y.T. Mekonnen, A. Serraino, A. De Cesare. Poster presentation, 13th ICPMF International Conference on Predictive Modelling in Food (2025)
17. Use of feed additives to reduce enteric methane emissions in dairy cattle: meta-analysis of data retrieved through a systematic review. Thomas Dalmonte, N. Barbieri, S. Giacomozzi, A. Palmonari, V. Indio, Y. Vecchio, G. Guluzade, I. Abdullayev, A. Formigoni, A. Serraino, F. Adinolfi, A. De Cesare. *Frontiers in Animal Science, Animal Nutrition section* (2026). doi: 10.3389/fanim.2025.1754069

